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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Prendergast et al.
Serial No: 09/784,827
Filed: February 15, 2001
For: ISOLATION SYSTEM WITH ANALOG
COMMUNICATION ACROSS AN
ISOLATION BARRIER

Paper No:
Group: 2644
Examiner: Singh, R.
Docket No: AD-217J

Box Response
Commissioner for Patents
Washington, DC 20231

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Wynne D. Janis

RESPONSE

This response is in reply to the Office Action mailed September 13, 2002 in the subject application.

REMARKS

The Applicants acknowledge the Examiner's thorough examination of the subject application and respectfully requests reexamination and reconsideration in light of the following remarks.

The Applicants' claim 1 recites, in part, an "isolation system" comprising an "isolation barrier circuit", a digital input signal ("input for receiving a digital signal") and a "digital output signal". The digital input signal is converted to an analog signal that is